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## EDUCATION

The University of Michigan at Ann Arbor, Statistics, **Ph.D.**, 1998
Michigan Technological University, Mathematics, **M.S.**, 1994
Tsing Hua University, Applied Mathematics, Economics **B.S.**, 1992

## APPOINTMENT

State University of New York at Stony Brook, Assistant Professor, 1998-present
Ford Motor Company, Research Assistant, 1996-1997

## SELECTED PUBLICATIONS

1. Cheng, S. W. and Ye, K. Q. (2002) Geometric Isomorphism and Minimum Aberration for Factorial Designs with Quantitative Factors, submitted to *The Annals of Statistics*

2. Ye, K. Q. (2002) Indicator functions and its application in two level factorial design, *The Annals of Statistics*, to appear.

3. Ye, K. Q. (1998) Orthogonal Column Latin Hypercubes and their Application in Computer Experiments. *Journal of the American Statistical Association* 93, 1430–1439

4. Ye, K. Q. and Li, W. (2002), "Some properties of blocked and unblocked foldovers of $2^{k-p}$ designs," *Statistica Sinica*, to appear

5. Ye, K. Q., Li, W., Sudjianto, A. (2000), Algorithmic Construction of Optimal Symmetric Latin Hypercube Designs, *Journal of Statistical Planning and Inference*, 90, 145-159.

6. Nair, V., Taam, W. and Ye, K. Q. (2002) "Analysis of Functional Responses from Robust Design Studies with Location and Dispersion Study", *Journal of Quality Technology*, 4, 355-360

7. Ye, K. Q., Hamada, M., Wu, C.F.J. (2001), A Step-Down Lenth Method for Analyzing Unreplicated Factorial Designs, *Journal of Quality Technology*, to appear.

8. Ye, K. Q, Hamada, M, Critical Values of the Lenth Method for Unreplicated Factorial Designs (2000), *Journal of Quality Technology* 32, (2000), 57-66

9. Glimm, J., Hou, S., Kim, H., Lee, Y., Sharp, D., **Ye, K.**, and Zou, Q. (2001), "Risk Management for Petroleum Reservoir Production," *Journal of Computational Geoscience*, 5, 173-197

10. Glimm, J., Hou, S., Kim, H., Lee, Y., Sharp, D., **Ye, K.**, (2000), "A Probability Model For Errors in the Numerical Solutions of a Partial Differential Equation," *Computational Fluid Dynamics Journal* 9